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ADDITIONS TO THE MUSEUM.

1889.

MAMMALIA.

- H. C. Chapman. Prepared lungs of the Manatee. Bat (unidentified) from Nassau, W. I.
 Zoological Society of Philadelphia. *Herpestes Ichneumon*, Egypt; hybrid between *Macacus cynomolgus* and *Cercocebus fuliginosus*; *Macacus inuus*, Rock of Gibraltar; *Galictis vittata*, Africa; skeleton of *Cercocebus fuliginosus*; *Phascolomys latifrons*; *Felis concolor*; *Felis pardus*; *Gulo luscus*; *Ovis tragelaphus*; *Bos gruniens* (skeletons); *Midas ursulus*; *Cercopithecus Campbelli*; *Didelphys Virginianus*; *Canis procyonides*.
 Benjamin Sharp. Two specimens of red howling monkey (obtained in the island of Trinidad).

BIRDS.

- H. C. Chapman. Skull of the Flamingo.
 M. M. Tray. One hundred and thirty eggs, principally of North American birds; twenty eight skins, collected in vicinity of Philadelphia.
 Zoological Society of Philadelphia. *Chrysotis autumnalis*; *Aramides Cayennensis* and *Brotogenys tori*; *Phasianus versicolor*, Japan; *Cariama cristata* (skeleton).

REPTILES and AMPHIBIANS.

- Zoological Society of Philadelphia. *Varanus Bengalensis*, India; *Trachysaurus rugosus*, Australia; *Cyclura nubila*, Isle of Pines, West Indies; *Iguana tuberculata*, Tropical America; *Eunectes murinus*, South America; *Tubimambis teguixin*; *Iguana tuberculata*.
 H. C. Chapman. A collection of snakes and lizards from West India Islands (*Dromicus*, *Bothrops lanceolatus*, *Thecadactylus*, *Mavonia*, and *Anolis*).
 A. F. Gentry. *Chrysemys picta*.
 F. C. Baker. *Phrynosoma coronata* found by E. H. Baker in Cat Swamp, Providence, R. I.
 A. B. Macklay. *Chelydra serpentina*, Hatborough, Pa.

FISHES.

- H. R. Heyl. *Cyprinus carpio*, Delaware River.
 Witmer Stone. Skeletal parts of the Cod.
 W. N. Lockington. Collection of fishes from the West Coast of North America.
 H. C. Chapman. Sixteen species, Mt. Desert, Me.

RECENT INVERTEBRATA (excluding Mollusca).

- H. C. Chapman. *Thelyphonus giganteus*, California; a collection of Invertebrates from Mt. Desert, Me.; Centipedes from Nassau, W. I.
 J. Ford. *Eupagurus pollicaris*, Atlantic City, N. J.; *Echinarachnius excentricus* Monterey, Cal.
 U. C. Smith. *Asterias arenicola*, Atlantic City, N. J.
 H. A. Pilsbry. *Asterias arenicola*, Atlantic City, N. J.; Two species of Crustacea from Atlantic City, N. J.

- W. N. Lockington. An extensive collection of Invertebrata from the West Coast of America.
- Witmer Stone. Seven species of Crustacea from the New Jersey Coast.
- F. Beamer. *Asterias arenicola*, Atlantic City, N. J.
- J. Leidy. *Gonyleptes curvipes*, Aymas, Peru; *Solpuga Cuba*, Florida.
- J. Walton. *Arbacia punctulata*, Atlantic City, N. J.
- J. E. Ives. *Cirolana concharum*, Atlantic City, N. J.
- Benj. Sharp. *Ophiura cinerea*, Guadeloupe, West Indies.
- E. Goldsmith. *Gordius*, Philadelphia.
- W. J. Fox. *Lepas fascicularis*, Atlantic City, N. J.
- Geo. H. Horn. Three specimens of *Microciona prolifera*, Great Egg Harbor, N. J.
- J. Willcox. *Meyenia fluviatilis*, Everglades, Fla.
- Acad. Nat. Sciences. Collection Invertebrata made in the Bermudas in 1888 by A. Heilprin and others.

MOLLUSCA.

- F. C. Baker. Twelve sections marine shells; 9 species land, 7 marine shells; *Ocenebra Jenkinsii* Baker, type.
- W. G. Binney. Three species California Land Shells; one *Physa*, Manitoba.
- J. H. Campbell. Three species land shells from South America.
- Alfred Caruana. One species *Pupa*, Malta.
- H. C. Chapman. Twenty species marine shells, Mt. Desert.
- T. D. A. Cockerell. Twenty-five species Colorado land Mollusks.
- Conchological Sect. (By exch.), twenty-five species European land shells.
- W. H. Dall, *Helix caeca* from Florida.
- A. Dean. *Terebra aciculina*, Singapore.
- John Ford. *Helix parietidentata* Miller Ecuador; *Helix straetori* Pilsbry, Cayman, Id.; two species marine, one sp. land shells; *Cyclonassa neritea* L.
- W. D. Hartman. Three species *Melania* and *Neritina*—type of *M. Schmackeri*—N. Hebrides; eight species from New Caledonia, New Hebrides, etc.
- Angelo Heilprin. Five species marine shells, Nantucket.
- Acad. Nat. Sciences. One hundred twenty-five trays Bermuda Mollusks, collected by A. Heilprin and others in 1888.
- Henry Hemphill. (Purchased by Conch. Sect.) 300 species of land and Marine Mollusks from Lower California.
- Robt. Jetschin. (In exch., through Conch. Sect.), thirty-two trays European land and fresh-water shells.
- C. W. Johnson. Four species Florida Marine shells.
- Joseph Leidy. Two species land shells, Salt Lake, Utah.
- W. N. Lockington. Forty species West Coast Mollusks.
- H. A. Pilsbry. *Fulgur canaliculatus*, with ciliate cuticle; twenty-one trays *Strophia*, West Indies; *Trivia pediculus* var. Fla.; six species American shells (types).
- H. Rolle. *Helix serpentina*, Corsica, and *Cylindrella Eugenia*, Haiti.
- E. W. Roper. Eighteen species marine and land shells from western United States.
- F. A. Sampson. *Gonibasis cubicoidea*, etc., Mo.
- W. S. Teator. *Succinea* and *Anodonta*, Dutchess Co., N. Y.
- C. T. Simpson. Two species *Succinea* and *Anodonta*, Florida.
- J. A. Singley. Fifty-six trays land and fresh-water shells from Texas, thirty-three trays Texas land shells, thirteen species Texas shells.
- U. C. Smith. *Venus mercenaria* from Holly Beach, N. J.; *Tellina Balthica*; *Macra lateralis*; *Urosalpinx cinerea*; *Eupleura caudata*; *Scalaria Humphreysii*; *S. lineata*; *Anachis avara*; *Gemma Manhattanensis*, etc., New Jersey coast.
- V. Sterki. *Pupa Holzingeri*; *P. rupicola*; *Zonites Sterkii*.
- L'abbé Vathelet. Sixty-three species shells from Tonkin, etc.
- F. H. White. Two forms of *Selenites Vancouverensis* Lea from Astoria, Oregon.
- Jos. Willcox. *Turbo stamineus* and *Unio fuscatus*; four species Florida shells.

FOSSIL INVERTEBRATA.

- R. H. Wyeth. Fossiliferous rock fragment, Big Horn, Wyoming.
 J. Singley. *Estheria Morsei*, Texas; forty-seven species of Eocene fossils from Texas.
 J. Ford. Two species from the Post-Pliocene of California.
 L. Woolman. Rock with *Trochomilia Atlantica*, cretaceous of New Jersey; Fossils from Lower Silurian of Montgomery Co., Pa.
 Conchological Section of the Academy. Collection of Post-Pliocene fossils from California, collected by H. Hemphill.
 H. M. DuBois. Fossils from Trenton limestone, Dutchess Co., N. Y.
 E. T. Dumble, State Geologist of Texas. Series of fossiliferous rocks from the Eocene of Texas.
 Miss E. Lyndall. *Orthoceras* (*Gyroceras*?) from Lower Silurian of Montgomery Co., Pa.
 W. W. Jefferis. Crinoid stem and calyx, from near Glens Falls, N. Y.
 H. Hemphill. Collection of Post-Pliocene fossils from Lower California.

FOSSIL PLANTS.

- C. H. Sternberg. Thirty-eight trays of Cretaceous plants from Kansas.
 R. H. Wyeth. Fossil plant impressions, Leaf Spring, Montana.
 C. Van Schiver. *Stigmaria*, Coal Measures, Pa.
 H. M. DuBois. *Lepidodendron aculeatum*, Locust Gap, Pa.

MINERALS, ROCKS, ETC.

- W. W. Jefferis. Phlogopite, Rossie, N. Y.; Sphalerite with quartz, Cumberland, England; Rose Calcite, Mineral Point, Wis.; Quartz, Zamone, Italy; Zincite, Joplin, Mo.; Deweylite, Christiana, Del.; Elæolite and Sodalite, Salem, Mass.; Apophyllite, Keweenaw Co., Mich.; Quartz Crystals, Arkansas; Lepidolite, Paris, Me.; Quartz on Hematite, Cumberland, England; Sphalerite, Granby, Mo.; Calamine, Altenburg, Saxony; Cymatolite, Redding, Conn.; Chalcedony, Lancaster Co., Pa.; Orthoclase, Russell, N. Y.; Magnetite, Essex Co., N. Y.; Beryl, Hebron, Me.; Rhoetizite, near Baltimore; Pebbles, Nantucket Beach, Mass.; Glaciated rock from near Glen Falls, N. Y.; Ancient Hudson River gravel and sand from near Ft. Edward, N. Y.; Vanadinite, Yuma Co., Arizona; Prehnite, Somerville, Mass.; Magnetite, Port Henry, N. Y.
 Miss A. M. Fielde. Specimen of Rock from Borneo.
 H. M. DuBois. Hydromica schist, impregnated with Graphite, Gulf Mills, Pa.
 P. S. P. Conner. Galenite (England?); Quartz Crystals; Serpentine, New Texas, Lancaster Co., Texas; Stalactitic Pyrite; Magnetite in Vesuvian larva; Blende; Pyromorphite and Coquina.
 Miss Frances Lea. Forty-four trays of rocks and quartz crystals from the collection of the late Dr. Isaac Lea.
 Mr. Deshong. Large crystal of Orthoclase, Deshong's Quarry, Leiperville, Pa.
 Theo. D. Rand. Chalcopryrite, Leiperville Quarries, Pa.; Quartz pseudomorph after Asbestos, Maple, Delaware Co., Pa.

PLANTS.

- José N. Roverosa. Three hundred species of plants from the province of Tabasco, Mexico.
 U. S. Department of Agriculture (through Dr Geo. Vasey). One hundred and sixteen species of plants collected by Dr. E. Palmer at San Quentin Bay, Lower California, in Jan. 1889; fourteen species N. American and Mexican Grasses.
 Wm. M. Canby. Forty-nine species plants from Southern Europe and Sardinia.

- Thos. C. Porter. Twenty species plants from Pennsylvania and New Jersey.
- Thos. Meehan. One hundred and twenty species plants from various parts of the world, mostly cultivated.
- J. Bernard Brinton. *Cryptomeria Japonica*, Cult., native of Japan; *Taxus baccata* var. *Canadensis* Cult.
- Jos. T. Rothrock. *Bartsia Odontites*, naturalized at Squirrel I., coast of Maine.
- Geo. W. Holstein. Nine species of plants from western Texas.
- J. Thistleton Dyer, of Kew Herbarium (through Dr. Sereno Watson); Drummond's Mosses of the Rocky Mountains, mounted in two volumes, embracing two hundred and forty-nine species and thirty-three varieties.
- John H. Redfield. Two hundred and forty-four species of plants, collected by C. G. Pringle in 1888, in the provinces of Nuevo Leon, Jalisco, Guadalajara, Coahuila and Zacatecas, Mexico; sixty-five species of plants, mostly from coasts of Maine and Massachusetts; Underwood and Cooke's N. American Hepaticæ, forty species.
- Ellis and Everhart. Twenty-second and twenty-third Centuries of N. American Fungi; also a special selected Century of the same, received in exchange for duplicate Centuries received from the Estate of Dr. Geo. Martin.
- Chas. E. Smith. *Leucothoe recurva* from Hot Springs, N. Carolina.
- T. F. Cauffman. One hundred and fourteen species Ferns from the Hawaiian Islands.
- Witmer Stone. Ten species Pennsylvania plants.
- Mrs. Flora E. Haines. *Pinus Banksiana*, from E. branch of Penobscot R., Northern Maine.
- N. L. Britton. Fifty species plants, American and Asiatic.
- John Donnell Smith. Three hundred and seventy-three species plants collected in Guatemala by H. Von Türckheim.
- F. L. Scribner. Fifteen species plants, from vicinity of Knoxville, Tenn.
- California Acad. of Natural Sciences. Forty species California plants.
- W. W. Jefferis. *Celastrus scandens* in fruit.
- Joseph Walton. *Monstera deliciosa*, cultivated; native of Mexico.
- Isaac Burk. Fourteen species plants from ballast grounds and from New Jersey.
- Elliston P. Morris. Wood of the Gru-Gru Palm (*Martinezia corallina*.)